

GenCore version 4.5
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OM protein - protein search, using sw model

Run on: March 1, 2001, 15:49:49 ; Search time 140.11 seconds
(Without alignments)
7.690 Million cell updates/sec

Title: US-09-331-631A-7_COPY_81_140

Perfect score: 342
Sequence: 1 LOROYOCGRCQEQOQGR.....HENYHNHKNRSEEEGQOR 60

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 174772 seqs, 17957048 residues

Total number of hits satisfying chosen parameters: 174772

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database : Issued_Patents_AA:*
1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/2/iaa/6_COMB.pep:*
4: /cgn2_6/ptodata/2/iaa/PCURS_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/backfileseq1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	342	100.0	566	1	US-07-955-905A-2
2	342	100.0	566	1	US-07-955-905A-22
3	126	36.8	587	1	US-07-955-905A-23
4	81	23.7	1162	2	US-08-728-323A-2
5	80	23.4	1898	1	US-08-056-200-94
6	80	23.4	1898	2	US-08-800-644-94
7	77.5	22.7	788	2	US-08-918-914-4
8	73.5	21.5	542	1	US-07-814-964-13
9	73.5	21.5	542	1	US-08-258-442-13
10	73.5	21.5	542	1	US-08-328-809-8
11	73.5	21.5	542	4	PCT-US92-11107-13
12	70	20.5	740	4	PCT-US93-03027-3
13	70	20.5	740	1	US-08-257-073-5
14	70	20.5	816	2	US-08-267-803B-9
15	68.5	20.0	428	1	US-08-190-802A-29
16	68.5	20.0	2703	1	US-08-185-432-19
17	67	19.6	737	1	US-08-185-432-2
18	67	19.6	737	1	US-08-185-432-4
19	66	19.3	303	1	US-08-185-432-5
20	65.5	19.2	303	1	US-08-109-391A-2
21	65.5	19.2	303	1	US-08-459-019A-2
22	65.5	19.2	303	2	US-08-460-428A-2
23	65.5	19.2	303	3	US-08-458-860A-2
24	65.5	19.2	361	1	US-08-415-751-4
25	65.5	19.2	411	2	US-08-741-134-6
26	65.5	19.2	605	1	US-07-955-905A-24
27	65	19.0	360	2	US-08-531-927B-2
28	65	19.0	513	3	US-09-100-193-3

29	64	18.7	404	1	US-08-453-477-2	Sequence 2, Appl1
30	64	18.7	404	1	US-08-453-461-2	Sequence 2, Appl1
31	64	18.7	905	2	US-08-574-959A-9	Sequence 9, Appl1
32	64	18.7	1135	2	US-08-574-959A-7	Sequence 7, Appl1
33	63.5	18.6	591	3	US-08-965-903B-2	Sequence 2, Appl1
34	63	18.4	571	1	US-07-955-905A-25	Sequence 2, Appl1
35	62.5	18.3	344	5	5210183-2	Patent No. 5210183
36	62.5	18.3	494	1	US-08-447-500-2	Sequence 2, Appl1
37	62.5	18.3	494	1	US-08-454-097-2	Sequence 2, Appl1
38	62.5	18.3	494	1	US-08-447-408-2	Sequence 2, Appl1
39	62.5	18.3	494	1	US-08-453-866-2	Sequence 2, Appl1
40	62.5	18.3	494	3	US-08-185-359-2	Sequence 2, Appl1
41	62.5	18.3	514	2	US-08-960-022-14	Sequence 14, Appl1
42	62.5	18.3	683	5	5210183-3	Patent No. 5210183
43	62.5	18.3	1045	2	US-08-553-436A-6	Sequence 6, Appl1
44	62	18.1	76	5	5273901-11	Patent No. 5273901
45	62	18.1	76	5	5482709-10	Patent No. 5482709

ALIGNMENTS

```
RESULT 1
US-07-955-905A-2
; Sequence 2, Application US/07955905A
; Patent No. 5770433
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: RECOMBINANT 47 AND 31 KD COCOA PROTEINS AND
; NUMBER OF SEQUENCES: 28
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/955,905A
; FILING DATE: 21-JAN-1993
; CLASSIFICATION: 435
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 566 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-07-955-905A-2

Query Match          100.0%; Score 342; DB 1; Length 566;
Best Local Similarity 100.0%; Pred. No. 2.1e-30;
Matches 60; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 LOROYOCGRCQEQOQGRCCQKCKWEQYKEQERGHENYHNHKNRSEEEGQOR 60
      |||
Db      81 LOROYOCGRCQEQOQGRCCQKCKWEQYKEQERGHENYHNHKNRSEEEGQOR 140

RESULT 2
US-07-955-905A-22
; Sequence 22, Application US/07955905A
; Patent No. 5770433
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: RECOMBINANT 47 AND 31 KD COCOA PROTEINS AND
; NUMBER OF SEQUENCES: 28
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
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NAME: DOROTHY R. AUTH
REGISTRATION NUMBER: P-36,434
REFERENCE/DOCKET NUMBER: 2026-4010 PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-758-4800
TELEFAX: 212-751-6849
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 678
TYPE: AMINO ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: No
ORIGINAL SOURCE:
ORGANISM: Drosophila melanogaster
STRAIN: Oregon R
INDIVIDUAL ISOLATE:
DEVELOPMENTAL STAGE: embryo
HAPLOTYPE:
TISSUE TYPE:
CELL TYPE:
CELL LINE:
ORGANELLE:
FEATURE:
NAME/KEY: Dorsal protein
LOCATION:
IDENTIFICATION METHOD:
OTHER INFORMATION: D. melanogaster
OTHER INFORMATION: embryonic polarity (dorsal) protein
OTHER INFORMATION: containing region of high similarity
OTHER INFORMATION: with proteins of Rel family.
PUBLICATION INFORMATION:
AUTHORS: Steward, R.
TITLE: Dorsal, an embryonic polarity
TITLE: gene in Drosophila, is homologous to
TITLE: the vertebrate proto-oncogene, c-rel.
JOURNAL: Science
VOLUME: 238
ISSUE:
PAGES: 692-694
DATE: 1987
DOCUMENT NUMBER:
FILING DATE:
PUBLICATION DATE:
RELEVANT RESIDUES IN SEQ ID NO:
PCT-US93-03027-3

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Query Match 20.5%; Score 70; DB 4; Length 678;
Best Local Similarity 34.5%; Pred. No. 2.5;
Matches 19; Conservative 11; Mismatches 23; Indels 2; Gaps 1;

QY 2 OROYOOCOCRCOEEOOCORCCKWEQYKEDERGHEHYNHNKRSSEEE 56
Db 475 OOOHOQOOOHOHOHOQOOOHOQOOOQOOO--OQOPOOSLOFHANPFGNGSWESK 527

RESULT 13
US-08-257-073-5
Sequence 5, Application US/08257073
Patent No. 5766597
GENERAL INFORMATION:
APPLICANT: Paoletti, Enzo
APPLICANT: de Taisne, Charles
APPLICANT: Tine, John A.
TITLE OF INVENTION: MALARIA RECOMBINANT POXVIRUS VACCINE
NUMBER OF SEQUENCES: 143
CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtiss, Morris & Safford, P.C.
STREET: 530 Fifth Avenue, 25th Floor
CITY: New York
STATE: New York

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COUNTRY: UNITED STATES OF AMERICA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/257,073
FILING DATE: 09-JUN-1994
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/075,783
FILING DATE: 11-JUN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/852,305
FILING DATE: 18-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/672,183
FILING DATE: 20-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2570
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
TELEX: 425066 CURTMS
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 740 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
FRAGMENT TYPE: Internal
US-08-257-073-5

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Query Match 20.5%; Score 70; DB 1; Length 740;
Best Local Similarity 29.5%; Pred. No. 2.7;
Matches 13; Conservative 16; Mismatches 15; Indels 0; Gaps 0;

QY 13 OEOQOQOREQOQOCRCCKWEQYKEDERGHEHYNHNKRSSEEE 56
Db 683 KEREKEFEQEEEE 726

RESULT 14
US-08-267-803B-9
Sequence 9, Application US/08267803B
Patent No. 5834183
GENERAL INFORMATION:
APPLICANT: Orr, Harry T.
APPLICANT: Rannu, Laura P.W.
APPLICANT: Chung, Ming-yi
APPLICANT: Zoghbi, Huda Y.
TITLE OF INVENTION: Gene Sequence for Spinocerebellar Ataxia
Patent No. 5834183
TITLE OF INVENTION: Type 1 and Method for Diagnosis
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Mueller, Raasch, Gebhardt & Schwappach, P.A.
STREET: P.O. Box 581415
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55458-1415
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25

